



## King County

### WASTEWATER TREATMENT OPERATOR (MULTIPLE POSITIONS)

#### NATURAL RESOURCES AND PARKS/WASTEWATER TREATMENT DIVISION

Hourly Salary Range: \$ 19.53 - \$ 27.22 **\*\***(2003 rates) plus productivity pay of \$ 1.43 per hour

Job Announcement.: 04JH4194

OPEN: 6/30/04 CLOSE: Open Until Filled

***\*\*These positions are in the job progression program and have a current top hourly rate potential of \$ 27.22 per hour, which is dependent on the employee fulfilling specific gate requirements. These positions will be filled at the entry level of \$ 19.53 - \$21.47 per hour depending upon established qualifications/experience criteria. NOTE: The contract covering the Operator classification is currently being negotiated, the salary range may increase significantly.***

**WHO MAY APPLY:** This recruitment is open to all qualified candidates.

**WHERE TO APPLY:** To obtain required King County forms, contact the Application Request line at (206) 205-8782 or download from the internet at

<http://www.metrokc.gov/ohrm/psd/howto.html#application>. Submit required forms and materials to:

**Wastewater Treatment Div-HR, 201 S. Jackson St., KSC-NR-0511, Seattle, WA 98104.**

**PLEASE NOTE:** Complete application materials not received at the location specified above may not be processed. Contact Julie Hunsaker (206) 263-3911 for more information.

**FORMS AND MATERIALS REQUIRED:** *incomplete or missing materials may negatively impact further consideration of your application, please be sure that ALL of the following are submitted.*

- [King County Data and Application form](#)
- Supplemental Questionnaire *(at the end of this bulletin)*
- Copy of current certification
- Transcript and/or training records, if applicable

**WORK LOCATION:** West Point Treatment Plant (1400 Utah St. W, Seattle WA). There is no direct bus service to the Treatment plant.

**WORK SCHEDULE:** The treatment plants are operated 24/7. These positions may be assigned to work a day schedule or a rotating shift schedule consisting of 2-12 hours days followed by 2-12 hour nights and 4 days off (additional \$ 1.00/hour shift pay). Applicants must be available to work any assigned schedule. The positions are non-exempt and are over-time eligible.

**ESSENTIAL JOB FUNCTIONS:**

- Operate, monitor and maintain wastewater and odor control equipment and facilities.
- Operate, monitor and maintain biological, chemical, mechanical and hydraulic processes at wastewater treatment plant and associated facilities.
- Conduct sampling and test analysis of wastewater and recommend changes to process to meet federal and Washington State permits and regulations and to optimize wastewater plant performance.
- Train others on site-specific areas or through on-the-job-training.
- Perform maintenance on wastewater treatment plant and associated facilities, including buildings, equipment, and grounds. Duties include cleaning, servicing operating equipment, mowing lawns and performing housekeeping tasks.
- Communicate with the public, construction personnel, consultants and engineers to resolve complaints, provide construction assistance, give tours and carry out related duties.
- Exchange information on wastewater operations, maintenance and processes with staff involved in process control, maintenance, facilities services, off-site facilities services and other areas.
- Respond to unusual occurrences and assist in emergency responses.
- Operate, monitor and control wastewater equipment and systems using complex computer systems.
- Record technical data and daily activities on logs.
- Perform all essential duties in compliance with safety guidelines, policies and regulations.
- Perform all duties of an Operator-In-Training as needed.
- Be available to work all shift schedules.
- Be on call to respond to unusual occurrences and emergencies (some positions).

**REQUIREMENTS:**

- Knowledge of wastewater treatment processes, including preliminary, primary, secondary, digestion, gas handling systems, sludge handling and plant-wide air, water, electrical and hydraulic support systems.
- Knowledge of collection systems, including pump stations, regulator stations and miscellaneous structures, and of disinfecting methods.
- Knowledge of mechanical and electrical theory, cross connections and pumps.
- Knowledge of wastewater terminology and process control.
- Knowledge of industrial safety procedures and practices.
- Knowledge of and skill in applying sampling, testing and laboratory procedures.
- Communications skills (oral and written).
- Basic mathematics, algebra and computer application skills.
- Skill in reading, recording and interpreting instrumentation and control gauges and meters.
- Skill in operating basic hand and power tools and specialized equipment.
- Skill in operating complex computer control systems and identifying normal and abnormal operating conditions.
- Skill in the interpretation and application of technical information from plant drawings, operations and maintenance manuals and lab tests.
- Skill in manually starting and stopping equipment, systems and processes.
- Skill in establishing and maintaining working relationships with diverse occupational groups.
- Ability to work effectively and productively in a team setting.

**LICENSING/CERTIFICATION REQUIREMENTS:**

- Washington State Group I Wastewater Treatment Plant Operator certification from the Washington State Department of Ecology, or out-of-state equivalent (must obtain Washington certification within one year of employment).
- Valid Washington State Driver's License or out-of-state equivalent.
- Commercial Driver's License or able to obtain as needed (some positions).
- City of Seattle Steam Engineer Grade III Boiler's License or able to obtain within one year of assignment to rotating shift.
- CPR and First Aid Certification (some positions).

**WORKING CONDITIONS:** Ability to be subject to 24-hour call and respond to emergencies.

**SELECTION CRITERIA:**

- After the initial screening, the most competitive applicants will be invited to participate in both a working/written test and an oral interview.
- A physical examination will be required, upon a contingent job offer, with the cost covered by King County.
- Applicants will be required, upon a conditional job offer, to provide a current 5-year COMPLETE Abstract of Driving Record from the Department of Licensing.

**UNION MEMBERSHIP:** Positions in this classification are represented by Service Employees International Union, Local 925.

**CLASS CODE: 756202**

**SUPPLEMENTAL QUESTIONNAIRE:****NAME:** \_\_\_\_\_

DNR/WTD                      Wastewater Treatment Operator

Use additional sheets if necessary and attach all sheets to your application. *The statements “see resume” or “see application” are **NOT** acceptable as a substitution for completing this questionnaire.*

**A.** For each of the following areas related to this job, use the rating criteria below to specify your level of knowledge, experience or skill. Then describe your experience or skills using the space provided below.

**RATING CRITERIA:**

<b>Highly Skilled (H):</b>	I am highly skilled in this area and may require no training.
<b>Moderate Skills (M):</b>	I have average skills in this area and may require refresher training.
<b>Light Skills (L):</b>	I have limited skills in this area and may require substantial training.
<b>No Skills (N):</b>	I have no skills in this area.

	H	M	L	N
1. Preliminary wastewater treatment				
2. Primary wastewater treatment				
3. Secondary wastewater treatment				
4. Digestion				
5. Gas handling systems				
6. Sludge handling				
7. Plant-wide air, water, electrical and hydraulic support systems				
8. Pump Stations				
9. Regulator Stations				
10. Odor Control				
11. Disinfecting Methods				

**B.** DESCRIBE your experience in above items #1 through #11 in the space below; include the size of plant in which you gained your experience, your responsibilities and actual tasks performed (extra sheets can be used if necessary and attached to your application materials.)

**1) Preliminary, Primary and Secondary Treatment**

**SUPPLEMENTAL QUESTIONNAIRE:**

**NAME:** \_\_\_\_\_

DNR/WTD          Wastewater Treatment Operator

**2) Digestion**

**3) Gas Handling Systems**

**4) Sludge Handling**

**SUPPLEMENTAL QUESTIONNAIRE:**

**NAME:** \_\_\_\_\_  
DNR/WTD              Wastewater Treatment Operator

5) **Plant-wide air, water, electrical and hydraulic support systems.**

6) **Pump and Regulator Stations**

7) **Odor Control**

**SUPPLEMENTAL QUESTIONNAIRE:**

**NAME:** \_\_\_\_\_  
DNR/WTD                  Wastewater Treatment Operator

**8) Disinfecting Methods**

**9) Industrial Processes and Industrial Equipment** (i.e., pulp and paper mills, power plants, steel mills, food processing plants, boilers, conveyor systems, cooling/heating systems, heat exchange systems, heat loop systems, gas systems, fuel systems, chemical systems, dewatering systems, circulation systems, etc.).

**10) Computer Experience** including any experience in computerized industrial process controls.

**11)** Describe your experience with, or training in, **Interpersonal Communications** (attach training record, course certificate or other verification)